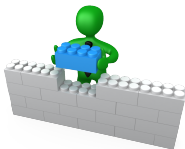




## 25 Modeling & Valuation Best Practices:

- 1: Modeling is easier than you think and a lot of fun, if you remember 2 key items: 1: **Most items you model are simply a % of revenue!**
- 2: The second key item to remember is that **modeling is all about looking for patterns and then projecting those patterns into the future.**
- 3: Publicly traded companies are often quite large and, as a result, although growth is positive, growth is usually decelerating.
- 4: If growth is not decelerating for a large publicly traded company, then it might be because they made a sizeable acquisition.
- 5: When a big company sees a significant decrease in the rate of change of revenue growth, they usually focus on increasing margins.
- 6: Use your own common sense and build the model yourself before speaking with the company about your estimates (they can sell!).
- 7: If a company has a lot of cash, they either make acquisitions or they buy back shares. Look for patterns in the share count.
- 8: Forecasting taxes is tough. Find out from the 10-k or 10-q what the N.O.L.s are and after you exhaust them, ask IR for guidance.
- 9: Items that you hard code (meaning anything that is in your model that is not a calculation) **should be in a blue font.**
- 10: Cells that contain data from other tabs in your spreadsheet **should be in a green font.**
- 11: Always use at least 3 valuation methodologies to come up with your target price. Then take an average of all 3.
- 12: Create a sensitivity analysis to see how your target price changes with different growth and discount rate amounts.
- 13: Create bearish, neutral ("just right") and bullish scenarios too if you are highly unsure what the economic environment will be like.
- 14: If you work in teams (as you do often on the sell side or in investment banking), then please add many comments (with your initials).
- 15: If you feel overwhelmed with the complexity of a model, build it slowly and "group" items.



- 16: Modeling can often be as much of a science as an art. Accept the fact that your estimates will never be 100% correct.
- 17: Listen to earnings calls, read IR's press releases and all 10-q, 10-k, 8-k and S1 filings and reflect those calls/documents in your model.
- 18: Creating a model takes time. When I think I am done with my model, I sleep on it and do 1 final review the next morning.
- 19: Understand who your customer is. If it's a hedge fund, then they likely don't like DCF. If it's a value PM at a mutual fund, they do, etc.
- 20: Know what the size the Total Addressable Market (T.A.M.) is and use it as a sanity check to see if your estimates seem realistic.
- 21: Add all supplemental data provided by IR in your models (at the bottom of the model if you don't know where to put it).
- 22: Percent items should be *italicized*...in fact spend a lot of time "prettying up" your model. It makes sure your attention to detail is high.
- 23: Name your rows and columns so you can use natural language math like: "net income / revenue" instead of cell x3 / t8 (for example):

	A	B	Y	A
1	Income Statement (Revenue from Previous Tab)			
2	\$ Values are in \$'000s			
3	Blue = hard coded (not calculated)			
4	Green = from previous tab: "Revenue (More Detail)"			
5				
6				
7			FY 2012	26
8				
9	Revenue	972.3		1.
10	YOY change			86.2%

- 24: Feel comfortable with \$A\$1 to lock in cell references, \$A1 row only references and A\$1 column only references (huge time saver).
- 25: You have the same access to information for your models that the pros have! Have fun building it!!!! : )